

In the Claims:

This listing of the claims will replace all prior versions, listings, of claims in the application:

1 – 44. (Canceled)

45. (New) A refrigerant composition consisting essentially of a combination of a hydrofluorocarbon component consisting of a combination selected from the following mixtures:

(1) R134a and R125 and

(2) R134a, R125 and R143a

and an amount of 0.6 to 4% by weight of a hydrocarbon component consisting essentially of a combination selected from the following mixtures:

(3) isopentane and butane; and

(4) isopentane, butane and isobutane; wherein

wherein the composition is non-flammable when completely in the vapour phase.

46. (New) A refrigerant composition as claimed in claim 45 consisting essentially of:

R134a 93.1 to 81.5%

R125 5 to 15%

isopentane 0.6 to 1%

butane 1.3 to 2.5%.

47. (New) A refrigerant composition as claimed in claim 46 consisting essentially of:

R134a 93%

R125 5%

isopentane 0.6%

butane 1.4%.

48. (New) A refrigerant composition as claimed in claim 45 consisting essentially of:

R134a 53.2 to 39%

R125 45 to 55%

isopentane 0.6 to 1%

butane	0.6 to 3%
isobutane	0.6 to 2%.

49. (New) A refrigerant composition as claimed in claim 48 consisting essentially of:

R134a	47.5%
R125	50%
isopentane	0.6%
butane	1%
isobutane	0.9%.

50. (New) A refrigerant composition as claimed in claim 45 consisting essentially of:

R134a	10 to 30%
R125	80 to 40%
R143a	10 to 30%
isopentane	0.6 to 2%
butane	0.6 to 5%
isobutane	0.6 to 5%.

51. (New) A refrigerant composition as claimed in claim 50 consisting essentially of:

R134a	16.50%
R125	60%
R143a	21%
isopentane	0.6%
butane	0.9%
isobutane	1%.

52. (New) A composition as claimed in claim 45 wherein when the composition is in a container with both vapour and liquid present, neither vapour nor liquid phase is flammable.

53. (New) A composition as claimed in claim 52 wherein at any time during a leak from a vapour space in a container neither the liquid phase nor the vapour phase is flammable.

54. (New) A composition as claimed in claim 52 wherein at any time during a leak from a liquid space in a container neither the liquid nor vapour phase is flammable.

55. (New) A composition as claimed in claim 45 wherein the proportion of hydrocarbon to hydrofluorocarbon in the vapour phase does not differ from the equivalent proportion in the liquid phase by more than 40% at equilibrium at 25°C.
56. (New) A composition as claimed in claim 55 wherein the proportion does not differ by more than 30%.
57. (New) A composition as claimed in claim 55 wherein the proportion does not differ by more than 20%.
58. (New) A composition as claimed in claim 45 wherein the proportion of hydrocarbon to hydrofluorocarbon in the vapour phase does not differ from the formulated composition by more than 40% at equilibrium at 25°C.
59. (New) A composition as claimed in claim 58 wherein the proportion does not differ by more than 30%.
60. (New) A composition as claimed in claim 59 wherein the proportion does not differ by more than 20%.
61. (New) A composition as claimed in claim 45 wherein during a leak from the vapour space or liquid space of a container, the proportion of hydrocarbon to hydrofluorocarbon in either of the vapour phase or the liquid phase does not differ from the formulated composition by more than 40% at equilibrium at 25°C.
62. (New) A composition as claimed in claim 61 wherein the proportion does not differ by more than 40%.
63. (New) A composition as claimed in claim 62 wherein the proportion does not differ by more than 20%.